



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number 024117
Product **D-(+)-Galactose**

Lot Number 002300-161001
D-Galactopyranose

CAS Number 59-23-4
Molecular Formula $C_6H_{12}O_6$

Molecular Weight 180.16

Appearance	White crystalline powder
Odor	Characteristic organoleptic
Bulk density	0.44 g/mL
Heavy Metals	< 10 µg/g (Total)
Cation	Arsenic (As): < 0.1 µg/g Cadmium (Cd): < 0.01 µg/g Mercury (Hg): ≤ 0.01 µg/g Lead (Pb): ≤ 0.1 µg/g
Yeast and Mold	40 cfu/g
Optical Rotation	$[\alpha]_D^{20} = +79.3^\circ$
Infrared Spectrum	Conforms to structure
Loss on Drying	0.16%
Coliform Organisms	< 10 cfu/g (Total)
E. Coli, Salmonella, S.Aureus	Absent
Microbial Count	Total plate count: 20 cfu/g
Mesh Size	> 95% through 30 mesh
Residue On Ignition	0.07%
Purity by HPLC	98.74%
Storage	Store at RT
Additional Information	Tapped Density: 0.72g/mL

Prepared by:
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